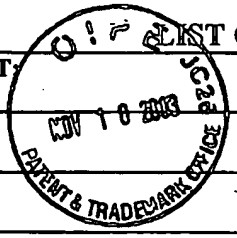
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FORM PTO-1449

Sheet 1 of 13



LIST OF REFERENCES CITED BY APPLICANT

ATTY. DOCKET: 17530((AP)	**SERIAL NO.:** 10/680,996
APPLICANT: Tatton et al	**TITLE:** TREATMENT OF DEMENTIA AND PARKINSON'S DISEASE
FILING DATE: October 7, 2003	**GROUP:** Not Assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)
RC	AA	6,329,369	12/11/2001	Chow et al			
RC	AB	6,313,172	11/6/2001	Chow et al			
RC	AC	5,210,076	5/11/1993	Berliner et al			
RC	AD	3,890,319	6/17/1975	Danielewicz et al			
RC	AE	4,029,792	6/14/1977	Danielewicz et al			
RC	AF	6,194,415	2/27/2001	Wheeler et al			

FOREIGN PATENT DOCUMENTS

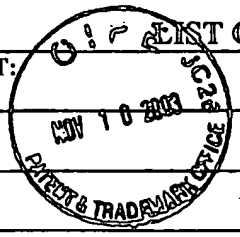
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/no)
RC	AG	WO 92/00073	1/09/1992	PCT			

OTHER REFERENCES

(Including Author, Title, Date, Pertinent Pages, etc.)

RC	AH		Messier et al, "High Throughput Assays of Cloned Adrenergic, Muscarinic, Neurokinin and Neurotrophin Receptors in Living Mammalian Cells", Pharmacol. Toxicol. 76:308-11 (1995)
RC	AI		Conklin et al, "Substitution of Three Amino Acids Switches Receptor Specificity of G_ga To that of G_ia", Nature 363:274-6 (1993)
RC	AJ		Hieble et al, "α- and β-Adrenoceptors: From the Gene to the Clinic. 1. Molecular Biology and Adrenoceptor Subclassification", J. Med. Chem. 38: 3415-3444 (1995)
RC	AK		Ruffolo et al, "α- and β-Adrenoceptors: From the Gene to the Clinic. 2. Structure-Activity Relationships and Therapeutic Applications", J. Med. Chem. 38: 3681 - 3716(1995)
RC	AL		Jones et al, Jones et al, "Alzheimer's Disease: Clinical and Pathological Characteristics", Intern. J. Neurosci. 50: 147-168 (1990)
RC	AM		Perry, "The Cholinergic Hypothesis-Ten Years On", Med. Bull 42:63-69 (1986)
RC	AN		Sitaram et al, "Human Serial Learning: Enchancement with Arecholine and Choline and Impairment with Scopolamine", Science 201: 274-276 (1978)
RC	AO		Rinne et al, "A postmortem study of brain nicotinic receptors in Parkinson's and Alzheimer's disease", Brain Res. 54:167-170 (1991)
RC	AP		Clark et al, Clark et al, "Electrophysiological actions of nicotine on substantia nigra single units", Br. J. Pharm. 85:827-835 (1985)
RC	AQ		Burke et al, "Ocular Effects of a Relatively Selective Alpha-2 Agonist (UK-14, 304-18) in Cats, Rabbits and Monkeys", Current Eye Rsrch., 5;9; 665-676 (1986)
RC	AR		Adamec et al, "DNA strand breaks in Alzheimer's disease", Brain Research 849 (1999), 67-77

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FORM PTO-1449



LIST OF REFERENCES CITED BY APPLICANT

ATTY. DOCKET: 17530(AP)	**SERIAL NO.:** 10/680,996
APPLICANT: Wheeler et al	**TITLE:** TREATMENT OF DEMENTIA AND PARKINSON'S DISEASE
FILING DATE: October 7, 2003	**GROUP:** Not Assigned

OTHER REFERENCES

(Including Author, Title, Date, Pertinent Pages, etc.)

RC	AS		Arai et al, "Changes of Biogenic Amines and Their Metabolites in Postmortem Brains from Patients with Alzheimer-Type Dementia", Journal of Neurochemistry, Vo. 43, No. 2, 1984, 388-393
RC	AT		Avila et al, "Tau Function and Dysfunction in Neurons", Molecular Neurobiology, Vol. 25, 2002, 213-231
RC	AU		Bayer et al, "High Occurrence Rate of Glaucoma among Patients with Alzheimer's Disease", Eur Neurol 2002; 47; 165-168
RC	AV		Bondareff et al, "Selective Loss of Neurones of Origin of Adrenergic Projection to Cerebral Cortex (Nucleus Locus Coeruleus) in Senile Dementia", The Lancet, 1981, 783-784
RC	AW		Brenner et al, "Bcl-2 and Bax regulate the channel activity of the mitochondrial adenine nucleotide translocator", Oncogene 200, 19, 329-336
RC	AX		Busch et al, "Spatial, Temporal and Numeric Analysis of Alzheimer Changes in the Nucleus Coeruleus", Neurobiology of Aging, Vol. 18, No. 4, 401-406
RC	AY		Cande et al, "Apoptosis-inducing factor (AIF): a novel caspase-independent death effector released from mitochondria", Biochimie 84, 2003, 215-222
RC	AZ		Carter et al, "β-Amyloid, Neuronal Death and Alzheimer's Disease, Current Molecular Medicine 2001, 1, 733-737
RC	BA		Chalmers-Redman et al, "Alpha-2 adrenergic receptor activation by brimonidine reduces neuronal apoptosis by inducing new protein synthesis that maintains mitochondrial pore closure", ICER Abstracts 14: 257, 2001
RC	BB		Chan-Palay et al, "Alterations in Catecholamine Neurons of the Locus Coeruleus in Senile Dementia of the Alzheimer Type and in Parkinson's Disease With and Without Dementia and Depression", The Journal of Comparitive Neurology 287, 1989, 373-392
RC	BC		Chan-Palay et al, "Quanitation of Catecholamine Neurons in the Locus Coeruleus in Human Brains of Normal Young and Older Adults and in Depression", The Journal of Comparitive Neurology 287, 1989, 357-372
RC	BD		Chao et al, "Topically applied clonidine protects the rat retina from ischaemia/reperfusion by stimulating α2-adrenoceptors and not by an action on imidazoline receptors", Brain Research 904, 2001, 126-136
RC	BE		Chen et al, "Immunohistochemical localization of dopamine-β-hydroxylase in human and monkey eyes", Current Eye Research, 1999, Vol. 18, No. 1, 39-48
RC	BF		Cotman et al, "Possible Role of Apoptosis in Alzheimer's Disease", Ann N Y Acad Sci, 1994, 747, 36-49
RC	BG		J. Coull, "Pharmacological Maniputions of the α2-Noradrenergic System Effects on Cognition", Drugs & Aging 5 (2) 1994, 116-126
RC	BH		Cross et al, "Studies on Neurotransmitter Receptor Systems in Neocortex and Hippocampus in Senile Dementia of the Alzheimer-Type", Journal of the Neurological Sciences, 1984, 64, 109-117

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FORM PTO-1449

LIST OF REFERENCES CITED BY APPLICANT

ATTY. DOCKET: 17530(AP)	**SERIAL NO.:** 10/680,996
APPLICANT: Wheeler et al	**TITLE:** TREATMENT OF DEMENTIA AND PARKINSON'S DISEASE
FILING DATE: October 7, 2003	**GROUP:** Not Assigned

U.S. PATENT & TRADEMARK OFFICE
OIPE
NOV 10 2003
JC28

OTHER REFERENCES

(Including Author, Title, Date, Pertinent Pages, etc.)

RC	BI		Davies et al, "Myelinated axon number in the optic nerve is unaffected by Alzheimer's disease", British Journal of Ophthalmology 1995, 79, 596-600
RC	BJ		de la Monte et al, "p53- and CD95-Associated Apoptosis in Neurodegenerative Diseases", Laboratory Investigation, 1998, Vol. 78, No. 4, 401-411
RC	BK		de la Monte, "Correlates of p53- and Fas (CD95)-mediated apoptosis in Alzheimer's disease", Journal of Neurological Sciences, 152, 1997, 73-83
RC	BL		Deng et al, "Trail-Induced apoptosis requires Bax-dependent mitochondrial release of Smac/DIABLO", Genes & Development, 33-45
RC	BM		Dragunow et al, "In situ evidence for DNA fragmentation in Huntington's disease striatum and Alzheimer's disease temporal lobes", NeuroReport 6, 1995, 1053-1057
RC	BN		Engidawork et al, "Alteration of Caspases and Apoptosis-Related Proteins in Brains of Patients with Alzheimer's Disease", Biochemical and Biophysical Research Communications 281, 2001, 84-93
RC	BO		Ferrer et al, "Fas and Fas ligand expression in Alzheimer's disease", Acta Neuropathol 102, 201, 121-131
RC	BP		Friedman et al, "The Role of Norepinephrine in the Pathophysiology of Cognitive Disorders: Potential Applications to the Treatment of Cognitive Dysfunction in Schizophrenia and Alzheimer's Disease", Biol Physchiatry, 46, 1999, 1243-1252
RC	BQ		German et al, "Alzheimer's Disease: Neurofibrillary Tangles in Nuclei That Project to the Cerebral Cortex", Neuroscience Vo. 21, No. 2, 1987, 305-312
RC	BR		Halestrap et al, "The permeability transition pore complex: another view", Biochimie 84, 2002, 153-166
RC	BS		Hinton et al, "Optic-Nerve Degeneration in Alzheimer's Disease", New England Journal of Medicine, Vol. 315, 8, 1986, 485-487
RC	BT		Hurvitz et al, "New Developments in the Drug Treatment of Glaucoma", Drugs 41, 4, 1991, 514-532
RC	BU		Ishimoto et al, "Co-localization of adrenergic receptors and vitamin-D-dependent calcium-binding protein (calbindin) in the dopaminergic amacrine cells of the rat retina", Neuroscience Research, 7, 1989, 257-263
RC	BV		Ishitani et al, "Evidence that Glyceraldehyde-3-Phosphate Dehydrogenase Is Involved in Age-Induced Apoptosis in Mature Cerebellar Neurons in Culture, Journal of Neurochemistry, 66, No. 3, 1996, 928-935
RC	BW		E. Johnson, "Possible Role in Neuronal Apoptosis in Alzheimer's Disease", Neurobiology of aging, Vol. 15, 1994, S187-S189
RC	BX		Kalaria et al, "Adrenergic Receptors in Aging and Alzheimer's Disease: Decreased α2-Receptors Demonstrated by [^{3}H]p-Aminoclonidine Binding in Prefrontal Cortex, Neurobiology of Aging, 12, 1991, 131-136

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FORM PTO-1449

LIST OF REFERENCES CITED BY APPLICANT

ATTY. DOCKET: 17530(AP)	**SERIAL NO.:** 10/680,996
APPLICANT: Wheeler et al	**TITLE:** TREATMENT OF DEMENTIA AND PARKINSON'S DISEASE
FILING DATE: October 7, 2003	**GROUP:** Not assigned

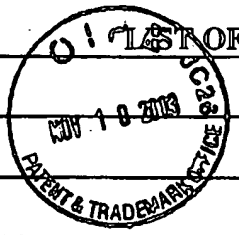
U.S. PATENT & TRADEMARK OFFICE NOV 10 2003

OTHER REFERENCES

(Including Author, Title, Date, Pertinent Pages, etc.)

RC	BY		Kalaria et al, "Adrenergic Receptors in Aging and Alzheimer's Disease: Increased β2-Receptors in Prefrontal Cortex and Hippocampus", Journal of Neurochemistry, 53, 6, 1989, 1772-1781
RC	BZ		Kalaria et al, "Brain microvessels are innervated by locus ceruleus noradrenergic neurons", Neuroscience Letters, 97, 1989, 203-208
RC	CA		Korsmeyer et al, "Pro-apoptotic cascade activates BID, which oligomerizes BAK or BAX into pores that result in the release of cytochrome c", Cell Death and Differentiation 2000, 7, 1166-1173
RC	CB		Kigler et al, "The X-linked inhibitor of apoptosis (XIAP) prevents cell death in axotomized CNS neurons in vivo", Cell Death and Differentiation 2000, 7, 815-824
RC	CC		Lafarga et al, "Reactive gliosis of immature Bergmann glia and microglial cell activation in response to cell death of granule cell precursors induced by methylazoxymethanol treatment in developing rat cerebellum", Anat Embryol 1998, 198, 111-122
RC	CD		Li et al, "α-2 Adrenergic modulation of prefrontal cortical neuronal activity related to a visual discrimination task with GO and NO-GO performances in monkeys", Neuroscience Research 31, 1998, 83-95
RC	CE		Li et al, "Endonuclease G is an apoptotic DNase when released from mitochondria", Nature, 412, 2001, 95-99
RC	CF		Loeffler et al, "Dominant cell death induction by extramitochondrially targeted apoptosis-inducing factor", The FASEB Journal, 15, 2001, 758-767
RC	CG		MacGibbon et al, "Bax expression in mammalian neurons undergoing apoptosis, and in Alzheimer's disease hippocampus", Brain Research, 750, 1997, 223-234
RC	CH		Mann et al, "A comparison of changes in the nucleus basalis and locus caeruleus in Alzheimer's disease", Journal of Neurology, Neurosurgery, and Psychiatry, 47, 1984, 201-203
RC	CI		Mann et al, "A comparison of nerve cell loss in cortical and subcortical structures in Alzheimer's disease", Journal of Neurology, Neurosurgery, and Psychiatry, 49, 1986, 310-312
RC	CJ		Mann et al, "Correlation between senile plaque and neurofibrillary tangle counts in cerebral cortex and neuronal counts in cortex and subcortical structures in Alzheimer's disease", Neuroscience Letters, 56, 1985, 51-55
RC	CK		Marcyniuk et al, "The Topography of Cell Loss from Locus Caeruleus in Alzheimer's Disease", Journal of the Neurological Sciences", 1986, 76, 335-345
RC	CL		Migheli et al, "A study of Apoptosis in Normal and Pathologic Nervous Tissue After In situ End-Labeling of DNA Strand Breaks", Journal of Neuropathology and Experimental Neurology, 53, 6, 1994, 606-616
RC	CM		Milner et al, "Alpha $_{2A}$-adrenergic receptors are primarily presynaptic heteroreceptors in the C1 area of the rat rostral ventrolateral medulla", Brain Research 821, 1999, 200-211

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FORM PTO-1449



LIST OF REFERENCES CITED BY APPLICANT

ATTY. DOCKET: 17530(AP)	**SERIAL NO.:** 10/680,996
APPLICANT: Wheeler et al	**TITLE:** TREATMENT OF DEMENTIA AND PARKINSON'S DISEASE
FILING DATE: October 7, 2003	**GROUP:** Not assigned

OTHER REFERENCES

(Including Author, Title, Date, Pertinent Pages, etc.)

RC	CN		S. Nagata, "Apoptotic DNA Fragmentation", Experimental Cell Research 256, 2000, 12-18
RC	CO		Negoescu et al, "In Situ Apoptotic Cell Labeling by the Tunel Method: Improvement and Evaluation on Cell Preparations", The Journal of Histochemistry and Cytochemistry, 44, 9, 1996, 959-968
RC	CP		Nesselhut et al, "Is Noradrenaline a Major Catecholamine in the Bovine Retina?", Neuroscience Letters, 28, 1982, 41-45
RC	CQ		Anderson et al, "DNA Damage and Apoptosis in Alzheimer's Disease: Colocalization with c-Jun Immunoreactivity, Relationship to Brain Area, and Effect of Postmortem Delay", The Journal of Neuroscience, 1996, 16(5), 1710-1719
RC	CR		Dkhissi et al, "Retinal TUNEL-Positive Cells and High Glutamate Levels in Vitreous Humor of Mutan Quail with a Glaucoma-like Disorder", IOVS, 1999, Vol. 40, No. 5, 990-995
RC	CS		Elena et al, "Autoradiographic Localization of Beta-Adrenergic Receptor in Rabbit Eye", Investigative Ophthalmology & Visual Science, 1987, Vol. 28, 1436-1441
RC	CT		Eskes et al, "Bid Induces the Oligomerization and Insertion of Bax into the Outer Mitochondrial Membrane", Molecular and Cellular Biology, 2000, 929-935
RC	CU		Fukuhara et al, "GAPDH knockdown rescues mesencephalic dopaminergic neurons from MPP+-induced apoptosis, Neuropharmacology and Neurotoxicology, Vol. 12, No. 9 3, 2001, 2049-2052
RC	CV		Garcia-Valenzuela et al, "Programmed Cell Death of Retinal Ganglion Cells During Experimental Glaucoma", Exp. Eye Res. 1995, 61, 33-44
RC	CW		Gold et al, "α2-Adrenergic receptor subtypes in rat dorsal root and superior cervical ganglion neurons", Pain 69, 1997, 179-190
RC	CX		Golubnitschaja-Labudova et al, "Altered gene expression in lymphocytes of patients with normal-tension glaucoma", Current Eye Research, 2000, Vol. 21, No. 5, 867-876
RC	CY		Graeber et al, "Mechanisms of Cell Death in Neurodegenerative Diseases: Fashion, Fiction, and Facts", Controversies in Neuropathlolgy, 385-390
RC	CZ		Grosse et al, "Terminal Deoxyribonucleotidyl Transferase (EC 2.7.7.31), Methods in Molecular Biology, Chapter 7, 95-105
RC	DA		Hardy et al, "The Amyloid Hypothesis of Alzheimer's Disease: Progress and Problems on the Road to Therapeutics", Science, Vol. 297, 2002, 353-356
RC	DB		Hedges III et al, "Retinal nerve fiber layer abnormalities in Alzheimer's disease", Acta Ophthalmologica Scandinavica 1996, 271-275
RC	DC		Huang et al, "Localization of α2-Adrenergic Receptor Subtypes in the Anterior Segment of the Human Eye With Selective Antibodies", Investigative Ophthalmology & Visual Science, 1995, Vol. 36, No. 13, 2729-2739

LIST OF REFERENCES CITED BY APPLICANT

OIPE JC28 3506 NOV 10 2003 PATENT & TRADEMARK OFFICE

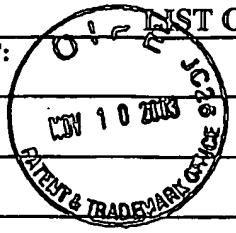
ATTY. DOCKET: 17530((AP)	**SERIAL NO.:** 10/680,996
APPLICANT: Wheeler et al	**TITLE:** TREATMENT OF DEMENTIA AND PARKINSON'S DISEASE
FILING DATE: October 7, 2003	**GROUP:** Not Assigned

U.S. PATENT DOCUMENTS

RC	DE		Ichimiya et al, "Morphological and Biochemical Changes in the Cholinergic and Monoaminergic Systems in Alzheimer-type Dementia", Acta Neuropathol, 1986, 70, 112-116
RC	DF		Ishitani et al, "An Antisense Oligodeoxynucleotide to Glyceraldehyde-3-Phosphate Dehydrogenase Blocks Age-Induced Apoptosis of Mature Cerebrocortical Neurons in Culture", The Journal of Pharmcology and Experimental Therapeutics, Vol. 278, No. 1, 447-454
RC	DG		Justino et al, "Neuroretinal function is normal in early dementia of the Alzheimer type", Neurobiology of Aging 22, 2001, 691-695
RC	DH		Kergoat et al, "An Evaluation of the retinal nerve fiber layer thickness by scanning laser polarimetry in individuals with dementia of the Alzheimer type", Acta Ophthalmologica Scandinavica 2001, 187-191
RC	DI		Kerrigan et al, "TUNEL-Positive Ganglion Cells in Human Primary Open-angle Glaucoma", Arch Ophthalmol, 115, 1997, 1031-1035
RC	DJ		Kitamura et al, "Alteration of proteins regulating apoptosis, Bcl-2, Bcl-x, BAX, Bak, BAD, ICH-1 and CPP32, in Alzheimer's disease", Brain Research 780, 1998, 260-269
RC	DK		S. Korsmeyer, "BCL-2 Gene Family and the Regulation of Programmed Cell Death", Cancer Research 59, 1999, 1693-1700
RC	DL		Lassmann et al, "Cell death in Alzheimer's disease evaluated by DNA fragmentation in situ", Acta Neuropathol, 1995, 89, 35-41
RC	DM		Li et al, "Terminal dUTP Nick End Labeling (TUNEL) Positive Cells in the Different Regions of the Brain in Normal Aging and Alzheimer Patients", Journal of Molecular Neuroscience, 8, 1997, 75-82
RC	DN		Liu et al, "Norepinephrine inhibits neurons of the intermediate subnucleus of the lateral septum via α2-adrenoceptors", Brain Research 806, 1998, 36-54
RC	DO		Liu et al, "Inducation of Apoptotic Program in Cell-Free Extracts: Requirement of DATP and Cytochrome c, Cell, Vol. 86, 1996, 147-157
RC	DP		Loffler et al, "Immunoreactivity Against Tau, Amyloid Precursor Protein, and Beta-Amyloid in the Human Retina", Investigative Ophthalmology & Visual Science, 1995, Vol. 36, No. 1, 24-31
RC	DQ		Maier et al, "Neuroprotection by the α-2-Adrenoreceptor Agonist Dexmedetomidine in a Focal Model of Cerebral Ischemia", Anesthesiology, 79, 1993, 306-312
RC	DR		Martinou et al, "Breaking the mitochondrial barrier", Nature, 2001, Vol. 2, 63-67
RC	DS		Mielke et al, "JNK and p38 stresskinases-degenerative effectors of signal-transduction-cascades in the nervous system",
RC	DT		Chen et al, "TNF-R1 Signaling: A Beautiful Pathway", Science, Vol. 296, 2002, 1634-1635
RC	DU		Morrison et al, "Glaucoma Drops Control Intraocular Pressure and Protect Optic Nerves in a Rat Model of Glaucoma", IOVS, 1998, Vol. 39, No. 3, 526-531

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FORM PTO-1449

LIST OF REFERENCES CITED BY APPLICANT



ATTY. DOCKET: 17530 ((AP)	**SERIAL NO.:** 10/680,996
APPLICANT: Wheeler et al	**TITLE:** TREATMENT OF DEMENTIA AND PARKINSON'S DISEASE
FILING DATE: October 7, 2003	**GROUP:** Not Assigned

U.S. PATENT DOCUMENTS

RC	DV		Bayer et al, "Association of Glaucoma With Neurodegenerative Diseases With Apoptotic Cell Death: Alzheimer's Disease and Parkinson's Disease", American Journal of Ophthalmology, Vol. 133, No. 1, 135-137
RC	DW		Mielke et al, "JNK and P38 stresskinases-degenerative effectors of signal-transduction-cascades in the nervous system", Progress in Neurobilogy 61, 2000, 45-60
RC	DX		Mountjoy et al, "Comparison of Counts of Neurons in the Locus Coeruleus Made From Serial Sections and From a Single Section at the Centre of the Nucleus", The Canadian Journal of Neurological Sciences", Vol. 13, No. 4, 1986, 480-482
RC	DY		Nagy et al, "Apoptosis-Related Protein Expression in the Hippocampus in Alzheimer's Disease", Neurobiology of Aging, Vol. 18, No. 6, 1997, 565-571
RC	DZ		P. Nicotera, "Apoptosis and age-related disorders: role of caspase-dependent and caspase-independent pathways", Toxicology Letters 127 (2002),189-195
RC	EA		Nishizaki et al, "TUNEL staining of inner ear structures may reflect autolysis, not apoptosis", Hearing Research, 130, 1999, 131-136
RC	EB		Nishimura et al, "Fas antigen expression in brains of patients with Alzheimer-type dementia", Brain Research 695, 1995, 137-145
RC	EC		Ohm et al, "Apolipoprotein E and βA4-amyloid signals and effects", Biochem. Soc. Symp. 67, 121-129
RC	ED		Okisaka et al, "Apoptosis in Retinal Ganglion Cell Decrease in Human Glaucomatous Eyes", Jpn J. Ophthalmol 41, 1997, 84-88
RC	EE		N. Osborne, "Agonist-induced Stimulat6ion of cAMP in the Lens: Presence of Funtional β-Receptors", Exp. Eye Res., 1991, 52, 105-106
RC	EF		N. Osborne, "Binding of (-)[3H]Noradrenaline to Bovine Membrane of the Retina. Evidence for the Existence of α2-Receptors", Vision Res. Vol. 22, 1982, 1401-1407
RC	EG		N. Osborne, "Neuromediators and their receptors (adrenergic and endothelin types in the eye", Therapie 1993, 48, 549-558
RC	EH		N. Osborne, "Noradrenaline, a Transmitter Candidate in the Retina", Journal of Neurochemistry, Vol. 36, No. 1, 17-27
RC	EI		Osborne et al, "In vivo and in vitro experiments show that betaxolol is a retinal neuroprotective agent", Brain Research 751, 1997, 113-123
RC	EJ		Osborne et al, "The Presence of Dopamine-β-Hydroxylase-Like Enzyme in the Vertebrate Retina", Neurochem. Int., Vol. 7, No. 1, 51-56
RC	EK		Parisi et al, "Morphological and functional retinal impairment in Alzheimer's disease patients", Clinical Neurophysiology 112, 2201, 1860-1867
RC	EL		Parone et al, "Mitochondria: regulating the inevitable", Biochimie 84, 2002, 105-111
RC	EM		Pascual et al, "Loss of high-affinity α2-adrenoceptors in Alzheimer's disease: an autoradiographic study in frontal cortez and hippocampus", Neuroscience Letters, 142, 1992, 36-40

NOV 10 2003 JC29 PATENT & TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT

ATTY. DOCKET: 17530((AP)	**SERIAL NO.:** 10/680,996
APPLICANT: Wheeler et al	**TITLE:** TREATMENT OF DEMENTIA AND PARKINSON'S DISEASE
FILING DATE: October 7, 2003	**GROUP:** Not Assigned

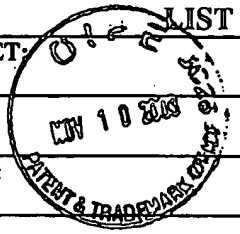
U.S. PATENT DOCUMENTS

RC	EN		Perry et al, "A review of neuropathologial and neurochemical correlates of Alzheimer's disease", Danish Medical Bulletin, Vol. 32, No. 1, 1985, 27-34
RC	EO		Perry et a, "The role of TNF and its receptors in Alzheimer's disease", Neurobiology of Aging, 22, 2001, 873-883
RC	EP		Quigley et al, "Chronic Human Glaucoma Causing Selectivity Greater Loss of Large Optic Nerve Fibers", Ophthalmology, 1988, Vol. 95, No. 3, 357-363
RC	EQ		Quigley et al, "Retinal Ganglion Cell Death in Experimental Glaucoma and After Axotomy Occurs by Aoptosis", Inv. Ophthalmology & Visual Science, 1995, Vol. 36, No. 5, 774-786
RC	ER		Quigley et al, Chronic glaucoma selectivity damages large optic nerve fibers", Inv. Ophthalmology & Visual Science, 1987, Vol. 28/6, 913-920
RC	ES		Raina et al, "Abortive apoptosis in Alzheimer's disease", Acta Neuropathol, 2001, 101, 305-310
RC	ET		Roucou et al, "Bid induces cytochrome c-impermeable Bax channels in liposomes", Biochem. J., 2002, 363, 547-552
RC	EU		Ruffolo et al, "BID-dependent and BID-independent pathways for BAX insertion into mitochondria", Cell Death and Differentiation, 2000, 7, 1101-1108
RC	EV		Sadun et al, "Optic Nerve Damage in Alzheimer's Disease", Ophthalmology, 1990, 97, No. 1, 9-17
RC	EW		Sambamurti et al, "Advances in the Cellular and Molecular Biology of the Beta-Amyloid Protein in Alzheimer's Disease", Neuromolecular Medicine, Vol. 1, 2002, 1-31
RC	EX		A. Saraste, "Morphologic Criteria and Detection of Apoptosis", Herz, 1999, 24, 189-195
RC	EY		Schneider et al, "Apoptosis induced by death receptors", Pharmaceutica Acta Helvetiae 74, 2000, 281-286
RC	EZ		Schuler et al, "Mechanisms of p53-dependent apoptosis", Biochemical Society Transactions, 2001, 29, part 6, 684-688
RC	FA		Leist et al, "Four Deaths and a Funeral: From Caspases to Alternative Mechanisms", Nature Reviews, Vol. 2, 2001, 1-10
RC	FB		Scorrano et al, "A Distinct Pathway Remodels Mitochondrial Cristae and Mobilizes Cytochrome c during Apoptosis", Devel. Cell, Vol. 2, 2002, 56-67
RC	FC		Seidl et al, "Neuronal apoptosis inhibitory protein (NAIP)-like immunoreactivity in brains of adult patients with Down syndrome", J. Neural Transm, 1999, 57, 283-291
RC	FD		Selznick et al, "In Situ Immunodetection of Neuronal Caspase-3 Activation in Alzheimer Disease", Journal of Neuropathology and Experimental Neurology, Vol. 58, No. 9, 1999, 1020-1026
RC	FE		Serle et al, "Selective α2-Adrenergic Agonists B-HT 920 and UK14304-18", Arch Ophthalmol, 109, 1991, 1158-1162

if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FORM PTO-1449

LIST OF REFERENCES CITED BY APPLICANT



ATTY. DOCKET: 17530((AP)	**SERIAL NO.:** 10/680,996
APPLICANT: Wheeler et al	**TITLE:** TREATMENT OF DEMENTIA AND PARKINSON'S DISEASE
FILING DATE: October 7, 2003	**GROUP:** Not Assigned

U.S. PATENT DOCUMENTS

RC	FF		Shimizu et al, "Essential Role of Voltage-dependent Anion Channel in Various Forms of Apoptosis in Mammalian Cells", The Journal of Cell Biology, Vol. 152, No. 2, 2001, 237-250
RC	FG		Shimohama et al, "Changes in β-Adrenergic Receptor Subtypes in Alzheimer-Type Dementia", Journal of Neurochemistry, Vol. 48, No. 4, 1987, 1215-1221
RC	FH		M. Sirover, "New insights into an old protein: the functional diversity of mammalian glyceraldehydes-3-phosphate dehydrogenase", Biochimica et Biophysica Acta, 1432, 1999, 159-184
RC	FI		Smale et al, "Evidence of Apoptotic Cell Death in Alzheimer's Disease", Experimental Neurology 133, 1995, 225-230
RC	FJ		Smith et al, α2-Adrenergic receptors in human spinal cord: specific localized expression of mRNA encoding α2-adrenergic receptor subtypes at four distinct levels", Molecular Brain Research, 34, 1995, 109-117
RC	FK		Stadelmann et al, "Activation of Caspase-3 in Single Neurons and Autophagic Granules of Granulovacuolar Degeneration in Alzheimer's Disease", American Journal of Pathology, 155, No. 5, 1999, 1459-1466
RC	FL		Su et al, "Immunohistochemical evidence for apoptosis in Alzheimer's disease", NeuroReport, 5, 1994, 2529-2533
RC	FM		Su et al, "Bax Protein Expression is Increased in Alzheimer's Brain: Correlations with DNA Damage, Bcl-2 Expression, and Brain Pathology", Journal of Neuropathy and Experimental Neurology" Vol. 56, No. 1, 1997, 86-93
RC	FN		Su et al, "Activated caspase-3 expression in Alzheimer's and aged control brain: correlation with Alzheimer pathology", Brain Research 898, 2001, 350-357
RC	FO		Tatton et al, "Apoptotic cell death in the hippocampus due to prolonged hypothermic circulatory arrest: comparison of cyclosporine A and cycloheximide on neuron survival", European Journal of Cardio-thoracic Surgery 19, 2001, 746-755
RC	FP		Tamura et al, "Spedificity of TUNEL Method Depends on Duration of Fixation", Biotechnic & Histochemistry, 1052, 197-200
RC	FQ		Susin et al, "Molecular characterization of mitochondrial apoptosis-inducing factor", Nature, Vol. 397, 1999, 441-446
RC	FR		N. Tatton, "Increased Caspase 3 and Bax Immunoreactivity Accompany Nuclear GAPDH Translocation and Neuronal Apoptosis in Parkinson's Disease", Experimental Neurology, 166, 2000, 29-43
RC	FS		Tatton et al, "In Situ Detection of Apoptotic Nuclei in the Substantia Nigra Compacta of 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine-treated Mice using Terminal Deoxynucleotidyl Transferase Labelling and Acridine Orange Staining", Neuroscience, Vol 77, No. 4, 1997, 1037-1048
RC	FT		Tatton et al, "Confocal microscopy as a tool to examine DNA fragmentation, chromatin condensation and other apoptotic changes in Parkinson's disease", Parkinsonism and Related Disorders 5, 1999, 179-186

LIST OF REFERENCES CITED BY APPLICANT

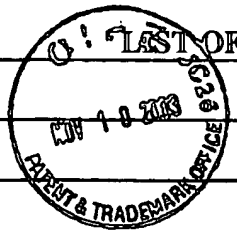
JC29 NOV 10 2003 PATENT & TRADEMARK OFFICE

ATTY. DOCKET: 17530((AP)	**SERIAL NO.:** 10/680,996
APPLICANT: Wheeler et al	**TITLE:** TREATMENT OF DEMENTIA AND PARKINSON'S DISEASE
FILING DATE: October 7, 2003	**GROUP:** Not Assigned

U.S. PATENT DOCUMENTS

RC	FU		Tatton et al, "A Fluorescent Double-Labeling Method to Detect and Confirm Apoptotic Nuclei in Parkinson's Disease", Annals of Neurology, Vol. 44, 1998, S142-S148
RC	FV		Tatton et al, "Apoptosis in Parkinson's Disease: Signals for Neuronal Degradation", Ann Neurol 2003, 53, S61-S72
RC	FW		Tatton et al, "Glyceraldehyde-3-phosphate dehydrogenase in neurodegeneration and apoptosis signaling", J Neural Transm, 2000, 60, S77-S100
RC	FX		Tatton et al, "Apoptosis and anti-apoptosis signaling in glaucomatous retinopathy", Eur J. Ophthalmol 2001, 11, S12-S22
RC	FY		Tortosa et al, "Bcl-2 and Bax protein expression in Alzheimer's disease", Acta Neuropathol, 1998, 95, 407-412
RC	FZ		Tomlinson et al, "Cell Loss in the Locus Coeruleus in Senile Dementia of Alzheimer Type", Journal of the Neurological Sciences, 49, 1981- 419-428
RC	GA		Trojanowski et al, "The role of tau in Alzheimer's disease", Med Clin N Am 86, 2002, 615-627
RC	GB		Tsai et al, "Optic Nerve Head and Nerve Fiber Layer in Alzheimer's Disease", Arch Ophthalmol, 109, 1991, 199-204
RC	GC		van Loo et al, "Endonuclease G: a mitochondrial protein released in apoptosis and involved in caspase-independent DNA degradation", Cell Death and Differentiation, 2001, 8, 1136-1142
RC	GD		J.C. Vickers, "The cellular mechanism underlying neuronal degeneration in glaucoma: Parallels with Alzheimer's disease", Australian and New Zealand Journal of Ophthalmology, 1997, 25, 105-109
RC	GE		Vidovic et al, "Identification of α2 adrenergic receptor gene expression in sympathetic neurones using polymerase chain reaction and in situ hybridization", Molecular Brain Research, 22, 1994, 49-56
RC	GF		Vieira et al, "Permeabilization of the mitochondrial inner membrane during apotosis: impact of the adenine nucleotide translocator", Cell Death and Differentiation, 2000, 7, 1146-1154
RC	GG		Wanaka et al, "Immunocytochemical localization of β-adrenergic receptors in the rat brain", Brain Research, 485, 1989, 125-140
RC	GH		H. Wajant, "The Fas Signaling Pathway: More Than a Paradigm", Science, Vol. 296, 2002, 1635-1636
RC	GI		Waring et al, "Cell death induced by the Fas/Fas ligand pathway and its role in pathology", Immunology and Cell Biology, 1999, 77, 312-317
RC	GJ		Wei et al, "Proapoptotic BAX and BAK: A Requisite Gateway to Mitochondrial Dysfunction and Death", Science, 292, 2001, 727-730
RC	GK		Winblad et al, "Memory Function and Brain Biochemistry in Normal Aging and in Senile Dementia", Ann N Y Acad Sci, 1985, 444, 255-268

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FORM PTO-1449



LIST OF REFERENCES CITED BY APPLICANT

ATTY. DOCKET: 17530((AP)	**SERIAL NO.:** 10/680,996
APPLICANT: Wheeler et al	**TITLE:** TREATMENT OF DEMENTIA AND PARKINSON'S DISEASE
FILING DATE: October 7, 2003	**GROUP:** Not Assigned

U.S. PATENT DOCUMENTS

RC	GL		Yuan et al, "Tumor Necrosis Factor-α: A Potentially Neurodestructive Cytokine Produced by Glia in the Human Glaucomatous Optic Nerve Head", GLIA, 32, 2000, 42-50
RC	GM		Zamzami et al, "Bid acts on the permeability transition pore complex to induce apoptosis", Oncogene, 2000, 19, 6342-6350
RC	GN		Zou et al, "Apaf-1, a Human Protein Homologous to C. elegans CED-4, Participates in Cytochrome c-Dependent Activation of Caspase-3", Cell, Vol. 90, 1997, 405-413
RC	GO		Ahmed et al, "Neuroprotective effect of α2 agonist (brimonidine) on adult rat retinal ganglion cells after increased intraocular pressure", Brain Research, 912, 2001, 133-139
RC	GP		Baptiste et al, "Comparison of the Neuroprotective Effects of Adrenoceptor Drugs in Retinal Cell Culture and Intact Retina", Invest. Ophthalmology & Visual Science, 2002, 43, No. 8, 2666-2676
RC	GQ		Bommakanti et al, "Dual Regulation of Akt/Protein Kinase B by Heterotrimeric G Proetin Subunits", The Jouranl of Biological Chemistry, Vol. 275, No. 49, 2000, 38870-38876
RC	GR		Chen et al, "Involvement of Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) and p53 in Neuronal Apoptosis: Evidence That GAPDH is Upregulated by p53", The Jouranl of Neuroscience, 1999, 19(21), 9654-9662
RC	GS		Daugas et al, "Apoptosis-inducing factor (AIR): a ubiquitous mitochondrial oxidoreductase involved in apoptosis", FEBS Letters, 476, 2000, 118-123
RC	GT		Basanez et al, "Bax, but not Bcl-xL, decreases the lifetime of planar phospholipids bilayer membranes at subnamomolar concentrations", Proc. Natl. Acad. Sci, 96, 1999, 5492-5497
RC	GU		Donello et al, "α2-Adrenoceptor Agonists Inhibit Vitreal Glutamate and Aspartate Accumulation and Preserve Retinal Function after Transient Ischemia", The Journal of Pharmacology and Experimental Therapeutics", Vol. 296, No. 1, 216-223
RC	GV		Lafuente et al, "Neuroprotective Effects of α2-Selective Adrenergic Agonists against Ischemia-Induced Retinal Ganglion Cell Death", Invest. Ophthalomogy & Visual Science, 2001, Vol. 42, No. 9, 2074-2084
RC	GW		Deibel et al, "Biochemical Properties of Purified Human Terminal Deoxynucleotidyltransferase", The Journal of Biological Chemistry, Vol. 255, No. 9, 4206-4212
RC	GX		McKinnon et al, "Caspase Activation and Amyloid Precursor Protein Cleavage in Rat Ocular Hypertension", Invest. Ophthalmology & Visual Science, 2002, Vol. 43, No. 4, 1077-1087
RC	GY		Mudher et al, "Alzheimer's disease-do tauists and Baptists finally shake hands?", Trends in Neurosciences, Vol. 25, No. 1, 2002, 22-26
RC	GZ		Mittag et al, "Retinal Damage after 3 to 4 months of Elevated Intraocular Pressure in a Rat Glaucoma Model", Invest. Ophthalmology & Visual Science, 2000, Vol. 41, No. 11, 3451-3459

NOV 10 2003 JC28 PATENT & TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT

ATTY. DOCKET: 17530((AP)	**SERIAL NO.:** 10/680,996
APPLICANT: Wheeler et al	**TITLE:** TREATMENT OF DEMENTIA AND PARKINSON'S DISEASE
FILING DATE: October 7, 2003	**GROUP:** Not Assigned

U.S. PATENT DOCUMENTS

RC	HA		R. Nickells, "Apoptosis of Retinal Ganglion Cells in Glaucoma: An Update of the Molecular Pathways Involved in Cell Death", Survey of Ophthalmology, Vol. 43, 1999, S151-S161
RC	HB		Narita et al, "Bax interacts with the permeability transition pore to induce permeability transition and cytochrome c release in isolated mitochondria", Proc. Natl. Acad. Sci., Vol. 95, 1998, 14681-14686
RC	HC		Rank et al, "Direct interaction of soluble human recombinant tau protein with Aβ 1-42 results in tau aggregation and hyperphosphorylation by tau protein kinase II", FEBS Letters 514, 2002, 263-268
RC	HD		Osborne et al, "Topically Applied Betaxolol Attenuates NMDA-induced Toxicity to Ganglion Cells and the Effects of Ischaemia to the Retina", Exp. Eye Res., 1999, 69, 331-342
RC	HF		Samejima et al, "CAD/DFF40 Nuclease Is Dispensable for High Molecular Weight DNA Cleavage and Stage I Chromatin Condensation in Apoptosis", The Journal of Biological Chemistry, Vol. 276, No. 48, 2001, 45427-45432
RC	HG		Rapoport et al, "Tau is essential to β-amyloid-induced neurotoxicity", PNAS, 2002, Vol. 99, No. 9, 6364-6369
RC	HI		D. Selkoe, Presenilin, Notch, and the genesis and treatment of Alzheimer's disease", PNAS, 2001, Vol. 98, No. 20, 11039-11041
RC	HJ		Shimizu et al, "Electrophysiological Study of a Novel Large Pore Formed by Bax and the Voltage-dependent Anion Channel That is Permeable to Cytochorme c", The Journal of Biological Chemistry, Vol. 275, No. 16, 2000, 12321-12325
RC	HK		Sawa et al, "Glyceraldehyde-3-phosphate dehydrogenase: Nuclear translocation participates in neuronal and nonneuronal cell death", Proc. Natl. Acad. Sci., Vol. 94, 1997, 11669-11674
RC	HL		Stone et al, "Differential Distribution of α2A and α2C Adrenergic Receptor Immunoreactivity in the Rat Spinal Cord", The Journal of Neuroscience, 1998, 18(15), 5928-5937
RC	HM		Tatton et al, "Propargylamines Induce Antiapoptotic New Protein Synthesis in Serum- and Nerve Growth Factor (NGF)-Withdrawn, NGF-Differentiated PC-12 Cells", The Journal of Pharmacology and Experimental Therapeutics, Vol. 301, No. 2, 753-764
RC	HN		Tezel et al, "TNF-α and TNF-α Receptor-1 in the Retina of Normal and Glaucomatous Eyes", Invest. Ophthalmology & Visual Science, 2001, Vol. 42, No. 8, 1787-1794
RC	HO		Tatton et al, "In Situ Detection of Apoptosis in Normal Pressure Glaucoma: A Preliminary Examination", Survey of Ophthalmology, Vol. 45, 2001, S268-S272
RC	HP		Tezel et al, "Increased Production of Tumor Necrosis Factor-α by Glial Cells Exposed to Simulated Ischemia or Elevated Hydrostatic Pressure Induces Apoptosis in Cocultured Retinal Ganglion Cells", The Journal of Neurosciences, 2000, 20(23), 8693-8700

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FORM PTO-1449

LIST OF REFERENCES CITED BY APPLICANT

U.S. PTO JC26 NOV 10 2003 PATENT & TRADEMARK OFFICE

ATTY. DOCKET: 17530((AP)	**SERIAL NO.:** 10/680,996
APPLICANT: Wheeler et al	**TITLE:** TREATMENT OF DEMENTIA AND PARKINSON'S DISEASE
FILING DATE: October 7, 2003	**GROUP:** Not Assigned

U.S. PATENT DOCUMENTS

RC	HQ		Vidal-Sanz et al, "Retinal Ganglion Cell Death Induced by Retinal Ischemia: Neuroprotective Effects of Two Alpha-2 Agonists", Survey of Ophthalmology, Vol. 45, 2001, S261-267
RC	HR		Wadia et al, "Mitochondrial Membrane Potential and Nuclear Changes in Apoptosis Caused by Serum and Nerve Growth Factor Withdrawal: Time Course and Modification by (-)-Deprenyl", The Journal of Neuroscience, 1998, 18(3), 932-947
RC	HS		Wheeler et al, "Role of Alpha-2 Adrenergic Receptors in Neuroprotection and Glaucoma", Survey Ophthalmol, 2001, 45, S290-S294
RC	HT		Wheeler et al, "Alpha-2 adrenergic receptor agonists are neuroprotective in experimental models of glaucoma", Eur. J. Ophthalmol, 2001, 11, S30-S35
RC	HU		Woldemussie et al, "Neuroprotection of Retinal Ganglion Cells by Brimonidine in Rats with Laser-Induced Chronic Ocular Hypertension", Invest. Ophthalmology & Visual Science, 2001, Vol. 42, No. 12, S849-S855
RC	HV		Wood et al, "Topically Applied Betaxolol Attenuates Ischaemia-induced Effects to the Rat Retina and Stimulates BDNF mRNA", Exp. Eye Res., 2001, 72, 79-86
RC	HW		Xiang et al, "Bax Involvement in p53-Mediated Neuronal Cell Death", The Journal of Neuroscience, 1998, 18, 4, 1363-1373
RC	HX		Yoles et al, "α2-Adrenoreceptor Agonists Are Neuroprotective in a Rat Model of Optic Nerve Degeneration", Invest. Ophthalmol Vis Sci, 1999, 40, 1, 65-73
RC	HY		Yucel et al, "Loss of Neurons in Magnocellular and Parvocellular Layers of the Lateral Geniculate Nucleus in Glaucoma", Arch Ophthalmol, 118, 2000, 378-384
RC	HZ		Yucel et al, "Atrophy of Relay Neurons in Magno-and Parvocelluar Layers in the Lateral Geniculate Nucleus in Experimental Glaucoma", Invest. Ophthalmol Vis Sci, 2001, 42, 13, 3216-3222
RC	IA		Weber et al, "Experimental Glaucoma and Cell Size, Density, and Number in the Primate Lateral Geniculate Nucleus", IOVS, 2000, 41, No. 6, 1370-1379
RC	IB		Wheeler et al, "Alpha-2 Adrenergic Receptor Activation by Brimonidine Reduces Neuronal Apoptosis Through Akt (Protein Kinase B) Dependent New Synthesis of BCL-2", IOVS, 2001, 42, 4, S411, Abstrace 2216-B466
RC	IC		Reed et al, "Mechanisms of mitochondrial membrane permeabilization", Cell Death and Differentiation, 2000, 7, 1145
RC	ID		Smeets et al, "Catecholamine systems in the brain of vertebrates: new perspectives through a comparative approach", Brain Research Reviews 33, 2000, 308-379
RC	IE		Kohler et al, "Evaluation of caspase activity in apoptotic cells", Journal of Immunological Methods, 265, 2002, 97-110

EXAMINER /Renee Claytor/ DATE CONSIDERED 11/09/2006

*EXAMINER: Initial